

AMENDMENT(S) TO THE SPECIFICATION

Please replace the paragraph beginning at page 2, line 25 bridging page 3, with the following rewritten paragraph:

A typical topology for a conventional electronic ballast uses a half bridge inverter circuit containing two semiconductor switching devices such as two metal oxide semiconductor field effect transistors (MOSFET). Such a circuit is described in above noted co-pending application Serial No. 10/006,021. The top switch in this conventional configuration requires a high-side driver circuit because it's control terminal is not referenced to the circuit common. The high side driver may be a transformer or an integrated circuit such as IR2111 chip driver sold by the International Rectifier Corporation of El Segundo, California. In addition to the high side driver, the half bridge circuits in conventional pulse width modulated (PWM) electronic ballasts also require blocking diodes and fast recovery free wheeling diodes to prevent the conduction of the intrinsic body in the switches.

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